No 1st & Final AS)

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

Division: **BBMP / YNK** Sub-Division: **Yelahanka Sub – Division.** Date.....2017.

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Schedule Docket No. Head of Account: 1802 Sub Divisional **Work Code: 002-16-000018**

Name of Work : Maintenance of Existing borewells and supply of water through water tanker at village area in ward No- 02 of yelahanka Sub division. Est.Cost: **13.00** Lakhs B.R.No. :

Name of Contractor and Full Address: **Sri Adi Narayana Reddy (Adi Electricals) papanna badavane Maruthinagara yelahanka Bangalore – 560064**

Reference to Agreement No. EE/YNK.D/ **EPMT-1/W.O/ 79 /2015-16.** Date: 8-6-2016.

Certified that the measurements were taken by me on 20.11.17 and recorded of Pages 216080 **to 216093** of measurement Book No. **2161** and that the work is satisfactorily executed.

Contractor

Certified that the measurement were taken by me on 20/11/17 and found correct. The work is satisfactorily executed.

Officer-in-charge of work 20/11/17

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

		Amount
1)	Total value of work done or supplies made as per account within	1284098
2)	Deduct amount to be held in reserve being .....percent Rs.....	84077=00
3)	" Balance	
4)	Deduct Payment:	
a)	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... adjusted towards cash advance recovery of	12841
b)	Payments Now made: cost store or other material supplied.	12841
	recovery of amount creditable to this/other work	12841
	Amount paid on this bill Cheque / Cash.	1284
5)	Balance being unpaid value of work done held in reserve.	—
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	136725
8)	Advance to Contractor for materials brought to site (as detailed) within.	Net Amt-Rs 1147373
9)	Value of Government materials supplied.	
	Total amount adjusted -	

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Witness
1.
2.

Dated Signature of Contractor

Stamp

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Initials of Officer making

(For use in the Office)
1284098:00
1147373:00
136725:00

sl no	Description of work
1	Supply of drinking water through water tanker at yelahanka old town areas in ward no - 02 as per BWSSB approve rates
2	Lifting of Submersible Pump set (P,46/I.10.3.21 RDED SR (2002-03)
3	Transportataion of pumping machineries (P.46/I.103)RDED SR (2002-03)
4	**A) Repairs to Motor:Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6months. RDED SR (2002-03)P NO.39/ I,NO.A)**
	a) -Do - above 3HP upto 5HP
	b) -Do - above 5HP upto 10HP
	(Above 5HP upto 10HP add Rs.115/- for every 1/2 HP)
	B) Replacement of Motor Parts:
5	Above 5HP Stator (with one year Gurantee) P.No.40/Ino.C(2)RDED SR (2002-03)
6	Above 5HP Rotor (with one year Gurantee) P.No.40/I No.C(2)RDED SR (2002-03)
7	Upper Flange P.No.40/I No.3 RDED SR (2002-03)
8	Lower Housing P.No.40/I No.4 RDED SR (2002-03)
9	Lower Flange P.No.40/I No.5 RDED SR (2002-03)
10	a) Carbon Housing P.No.40/I No.7A RDED SR (2002-03)
11	b) Thrust bearing block assembly complete with Segment bearing pad P.No.40/I No.7B RDED SR (2002-03)
12	c) Tip Carbon /Ferrodo pading P.No.40/I No.7C RDED SR (2002-03)
13	Bearing (Gun metal)Centrifugal cast Aluminium Bronze, bearing bush P.No.41/I No,9 RDED SR (2002-03)
14	Motor Base with pin P.No. 41/ I No.11 RDED SR (2002-03)
15	Re-erection charges of pumping machineries including overhauling and painting P.No.41/I No 13,RDED SR (2002-03)
16	Labour Charge (overhauling Motor only) P.No.41/ I No.15 RDED SR (2002-03)
17	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement Pump bowls P.No.39 / I No B1 RDED SR (2002-03)
18	Intermediate piece (I.P) with IP leaded bronze bush P.No. 44/ I No.B2 RDED SR (2002-03)
19	Oil seal P.No. 44/ I No.B3 RDED SR (2002-03)
20	Oil seal steel bush P.No. 39/ I No.B4 RDED SR (2002-03)
21	Guide vane Pno 39/I No B5 RDED (2002-03)
22	Impeller (shell moulded with aluminium and Bonze) P No 39/ I no B6 RDED SR 2002-03
23	a) Discharge outlet (D.O) Bearing D.O Steel Bush P.No. 39/ I No.B7 RDED SR (2002-03)
24	b)D.O Bearing P.No. 39/ I No.B7 RDED SR (2002-03)
25	Steel bush (D.O) steel bush) P.No. 39/ I No.B8 RDED SR (2002-03)
26	Allen Screw P.No. 40/ I No.9 RDED SR (2002-03)
27	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) P.No. 40/ I No.10 RDED SR (2002-03)
28	Pump key (Stainless steel) P.No. 40/ I No.11 RDED SR (2002-03)
29	Pump coupling (stainless steel) P.No. 40/ I No.12RDED SR (2002-03)
30	Non - Return valve (NRV) assembly complete with rubber 'O' Ring P.No. 40/ I No.13RDED SR (2002-03)
31	Cabble guard P.No. 40/ I No.14RDED SR (2002-03)
32	Strainer P.No. 40/ I No.15RDED SR (2002-03)
33	Providing and fixing 50 mm dia heavy duty coller SE RDED Approved rate
34	KSRB 2-1.1:Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P.NO - 5, I.NO - 2.1, PWD SR 13-14)
35	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., Page No.12 item No.3.4.2 b PRED SR 2010-11.
	75mm dia 6 KSC PVC pipe
	63 mm dia 6 KSC
36	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 6, I.NO - 2.11, PWD SR 13-14)

	revious cost	Present Measurement Qty	Rate	Cost	Total up-to date Qty	cost	Rem
s per BWSSB approve	–	537.00	360.00	193320.00	537.00	193320.00	
	–	5.00	850.00	4250.00	5.00	4250.00	
f suitable gauge as	–	5.00	900.00	4500.00	5.00	4500.00	
	–						
	–	4.00	2500.00	10000.00	4.00	10000.00	
	–	1.00	3700.00	3700.00	1.00	3700.00	
	–						
	–						
	–	3.00	5050.00	15150.00	3.00	15150.00	
	–	3.00	4700.00	14100.00	3.00	14100.00	
	–	5.00	350.00	1750.00	5.00	1750.00	
	–	6.00	650.00	3900.00	6.00	3900.00	
	–	6.00	350.00	2100.00	6.00	2100.00	
R (2002-03)	–	6.00	475.00	2850.00	6.00	2850.00	
	–	6.00	1150.00	6900.00	6.00	6900.00	
(2002-03)	–	5.00	150.00	750.00	5.00	750.00	
	–	5.00	400.00	2000.00	5.00	2000.00	
	–	5.00	475.00	2375.00	5.00	2375.00	
	–	5.00	950.00	4750.00	5.00	4750.00	
ng replacement	–	5.00	550.00	2750.00	5.00	2750.00	
	–	5.00	700.00	3500.00	5.00	3500.00	
	–	6.00	450.00	2700.00	6.00	2700.00	
	–	6.00	125.00	750.00	6.00	750.00	
	–	5.00	150.00	750.00	5.00	750.00	
	–	6.00	175.00	1050.00	6.00	1050.00	
	–	6.00	425.00	2550.00	6.00	2550.00	
	–	5.00	445.00	2225.00	5.00	2225.00	
	–	6.00	285.00	1710.00	6.00	1710.00	
	–	6.00	150.00	900.00	6.00	900.00	
o.10 RDED SR	–	6.00	25.00	150.00	6.00	150.00	
	–	6.00	950.00	5700.00	6.00	5700.00	
	–	6.00	125.00	750.00	6.00	750.00	
3)	–	6.00	250.00	1500.00	6.00	1500.00	
	–	6.00	1350.00	8100.00	6.00	8100.00	
	–	6.00	150.00	900.00	6.00	900.00	
	–	5.00	150.00	750.00	5.00	750.00	
	–	5.00	130.00	650.00	5.00	650.00	
conduits dressing the ead upto	–	683.93	283.00	193552.19	683.93	193552.19	
owring into pe alround 12 item	–						
	–	500.00	157.00	78500.00	500.00	78500.00	
	–	1176.00	112.00	131712.00	1176.00	131712.00	
complete	–	683.93	76.00	51978.68	683.93	51978.68	

sl no	Description of work
37	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150m bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable s totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 5 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. com . The pump and motor shall form an integral unit with all the required fittings
38	Providing, GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding of fittings)b50mm dia GI pipe (SR 13-14 PWD Page No XVII code No 509, 0154)
39	Providing & fixing socket GI (heavy duty collar) (Pwd SR pg xxxviii)
40	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible co conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto Volts. P. No. 46/ I No. 30-B 4.0 Sqm mm of 36 strands 0.3mm dia Group - A KPWD Electrical SR 2007-08 3/2008-09 4538/19.01.2 (1x3x4.00 Sqmm PVC cable
41	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine ene meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded la locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the comb energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted e completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset abo components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)
42	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable si clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and fina finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 1 14)
43	Providing & Fixing of clamps set and borewell cap to the pump .
44	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve.) (PWD SR 13-14, P.NO.XXIV, Sl.no, 673)
45	Supplying and delivery of brand new best make Gate Valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark . 50mm Gate Valve for distributer pipeline. 50mm dia (PWD SR 13-14, P.NO.XXIV, Sl.no, 659)
46	Providing and fixing of 50mm GI bend to motor (PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)
47	Providing and fixing of 50mm GI Nipple to motor (PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)
48	Providing and fixing of 50mm GI union to the motor ((PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)
49	Labour charges for erection of new /repaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (each length = 6.00m) (P.No - 564, I.No - 3, BWSSB SR 13-14)
50	Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc,. Complete for basement out door type. (MR)
51	Supplying and fixing miniature circuit breakers/isolators in existing MCB distribution boards using necessary fixing materials and wiring complete as required, 40 to 63 Amps DP (P.NO - 526, I.NO - 13D (a), BWSSB SR 13-14)
52	Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554) (P.NO - 553, I.NO - 10 (d), BWSSB SR 13-14)
53	Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc,. Complete sutting road surfaces (P.NO - 554, I.NO - 12 (b), BWSSB SR 13-14) in hard soil
54	Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (P.NO - 555, I.NO - 15 (b), BWSSB SR 13-14)
55	Public fountains including GI taps and all accessories

Certificates:

1 The above work is done satisfactorily and complete in all respect.
2 There is no department Material issue for the above work.
3 This works comes under BBMP Limit.

A.E.

Previous cost	Present Measurement			Total up-to date		Rem
	Qty	Rate	Cost	Qty	cost	
–	1.00	70600.00	70600.00	1.00	70600.00	
–	238.00	330.00	78540.00	238.00	78540.00	
–	40.00	84.00	3360.00	40.00	3360.00	
–	470.00	164.00	77080.00	470.00	77080.00	
–	4.00	10000.00	40000.00	4.00	40000.00	
–	108000.00	0.34	36720.00	108000.00	36720.00	
–	5.00	450.00	2250.00	5.00	2250.00	
–	15.00	1600.00	24000.00	15.00	24000.00	
–	15.00	1145.00	17175.00	15.00	17175.00	
–	15.00	219.00	3285.00	15.00	3285.00	
–	15.00	104.00	1560.00	15.00	1560.00	
–	13.00	223.00	2899.00	13.00	2899.00	
–	225.00	90.00	20250.00	225.00	20250.00	
–	5.00	475.00	2375.00	5.00	2375.00	
–	5.0	906.00	4530.00	5.00	4530.00	
–	150.0	169.00	25350.00	150.00	25350.00	
–	150.0	56.00	8400.00	150.00	8400.00	
–	20.0	294.00	5880.00	20.00	5880.00	
–	38.00	2500.00	95000.00	38.00	95000.00	
			1284098		**1284098**	

A.E
20/11/17